

# NEETHU SISUPAL SD

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

A Master's student in Artificial Intelligence (M.Sc AI) with a Bachelor's degree in Computer Applications (BCA). Passionate about AI, machine learning, and innovative technology solutions. Strong communicator with a keen interest in solving real-world problems through data-driven approaches. Actively seeking opportunities to contribute to AI-driven projects and grow in the tech industry.

## WORK EXPERIENCE

### AI Intern

ZenturioTech (P) Ltd, Technopark.

March 2025 – June 2025 (3 Months)

- Gaining hands-on experience in model development, data preprocessing, and performance evaluation. Collaborating with cross-functional teams to deploy AI solutions and optimize intelligent systems.

## EDUCATION

### Master of Computer Science Specialization in Artificial Intelligence

- Department of Computer Science, University of Kerala
- 2023-2025 (Pursuing)

### Bachelor of Computer Application

- University Institute of Technology
- 2020-2023 (Achieved 76%)

## PROJECTS

### AI-Powered Image Captioning Bot using BLIP and Telegram | NLP | Deep Learning

- Implemented an Image Caption Bot and integrated it with Telegram using python and Deep learning.
- The bot made use of a Transformer-based Vision Language Model(VLM) named BLIP for feature extraction and generation of captions .

### Traffic-Density analysis using yolo v11 | YOLO | Deep Learning

- This project uses the YOLOv11 object detection model for real-time traffic analysis, allowing users to define an Area of Interest (AOI) for vehicle counting and classifying traffic intensity into four categories (No Traffic, Low, Medium, High).
- Key features include real-time processing, traffic logging, Excel Export, and two usage modes: one-way draw for single-lane analysis and two-way static for predefined AOI traffic estimation.

### Sales and Sentiment Analysis Dashboard | Power BI | Data Analytics

- Developed an interactive dashboard in Power BI for sales insights.
- Collected and cleaned sales data using Python (Pandas, NumPy) for accurate visualization.
- Implemented machine learning (Linear Regression) for predicting discounted prices based on ratings

### AI-Powered Funding Chatbot |AI | Django | NLP | MongoDB

- Built an intelligent chatbot using Django that helps startups explore funding options based on user queries.
- Integrated MongoDB, BERT, Sentence-BERT, and GPT4All to enable smart data retrieval and human-like fallback responses.

## SKILLS

- AI , ML, DL, NLP, Computer Vision, Transformers, CNN
- **Programming Languages** : Python, C / C++, SQL, DBMS, MongoDB
- **Data & Analytics** : Data Preprocessing,Data Analysis, Data Visualization, Power BI, Pandas, NumPy
- **Web Development** : Django (Python Framework), Frontend Web Designing, HTML, CSS
- **Soft Skills** : Creativity, Time Management, Presentation Skills, Flexibility, Team Collaboration

## CERTIFICATIONS

- Data Science for Engineers - issued by NPTEL (July-September 2024)
- Business Intelligence using PowerBi - issued by SkillNation (September 2023)
- Data Analysis using AI - issued by SkillNation (November 2023)

## ADDITIONAL INFORMATION

- **Languages:** English, Malayalam, Hindi, Tamil
- **Activities:** National Service Scheme,
- Red Cross.
- **Awards:** Qualified UGC-NET (Eligibility for Ph.D.)